

Title (en)

A plug for the sealing closure of an opening in a sheet of a body or the bottom of an automobile

Title (de)

Verschlussstopfen für ein Loch im Blech einer Karrosserie oder Boden eines Fahrzeuges

Title (fr)

Bouchon pour la fermeture d'une ouverture dans une tôle de carrosserie ou de plancher d'un véhicule automobile

Publication

EP 1298037 A3 20031105 (EN)

Application

EP 02020936 A 20020919

Priority

DE 10148493 A 20011001

Abstract (en)

[origin: EP1298037A2] A plug (10) for the sealing closure of an opening in a sheet of a body or the bottom of an automobile, comprising an integral body which includes a cap portion having an annular shirt portion (16) and a cover portion (14) connected to the shirt portion. <IMAGE>

IPC 1-7

B62D 25/24

IPC 8 full level

B62D 25/24 (2006.01)

CPC (source: EP US)

B62D 25/24 (2013.01 - EP US)

Citation (search report)

- [A] FR 1208746 A 19600225 - CARR FASTENER CO LTD
- [A] EP 0970878 A1 20000112 - ITW DE FRANCE [FR]
- [A] US 6211464 B1 20010403 - MOCHIZUKI YASUNARI [JP], et al

Cited by

CN107792190A; CN102022535A; CN102803053A; CN104875794A; US8070008B2; WO2007093862A1; WO2005061649A1

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EP 02020936 A 20020919; CA 2405630 A 20020927; DE 10148493 A 20011001; DE 60223639 T 20020919; ES 02020936 T 20020919; US 25983002 A 20020930